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Curriculum Vitae

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I) Education:

I graduated (1969) from the Lycée Léonin (French high school) in Athens, Greece. I was further educated in Switzerland: I passed the Swiss National Examination for the admission to Swiss Universities (Fribourg) in April 1970. I studied at the **University of Neuchâtel** where I **majoried in Chemical Engineering** (*Diplôme d'Ingénieur Chimiste*) in **June 1975**. In **February 1976**, I was enrolled as a **PhD student** at the **Institute of Organic Chemistry of the University of Zurich** under the supervision of Professors Hans Schmid (deceased in 1977) and Manfred Hesse. I was awarded the **PhD in Organic Chemistry in November 1979**. Concurrently with my doctoral studies, I joined the **Graduate Program of Environmental Sciences at the University of Geneva** (spring semester 1979). I was awarded the "**Certificat**" (equivalent to **Master Degree**) in **Environmental Analytical Chemistry in May 1980**.

Languages: My mother tongue is Greek. I am fluent (writing and speaking) in **English, French & German**.

II) Post-doctoral activities:

March 1980 - May 1981 and May 1985 to September 1985: *Research Associate and Guest Researcher* at the **Swiss Federal Institute for Water Resources and Water Pollution Control (EAWAG)** of the **Swiss Federal Institute of Technology (ETH Zurich)**.

June 1981 – July 1982 and January 1984 – May 1985: "*Maître Assistant*" (equivalent to Lecturer) and "*Chargé des Cours et de Recherche*" at the **Department of Chemistry of the University of Geneva**.

July 1982 - January 1984: *Senior Research Associate* at the Department of **Civil and Environmental Engineering, Stanford University (CA, USA)** (leave of absence from the University of Geneva after invitation from Stanford University).

III) Professional Experience:

i) Academic track:

April 1984: Elected **Assistant Professor of Environmental Chemistry** at the new **Department of Chemistry of the University of Crete**. I joined the University of Crete in January 1986.

1986-1989: **Assistant Professor of Environmental Chemistry**.

1989-1993: **Associate (Tenured) Professor of Environmental Chemistry**.

1993-present: **Professor of Environmental Chemistry**.

1997-present: **Founder and Director of Environmental Chemical Processes Laboratory (ECPL)**.

1998-present: **Initiator and Director of Post-Graduate Programmes “Environmental Sciences and Engineering” and “Environmental Protection Technologies”**.

ii) Administrative activities at the University of Crete:

1989-1994: **Chairman** of Chemistry Department of the University of Crete.

1996-2002: **Dean** of the Faculty of Sciences of the University of Crete.

1999-2003: **Chairman** of the Technical Council of the University of Crete.

September 2011- present: **Rector (President)** of the University of Crete.

iii) Appointments in other Higher Education and Research Institutions:

October 1988 - June 1989: **Invited Associate Professor, Department of Chemistry, University of Geneva**, Switzerland (Sabbatical leave).

June 1994 - February 1995: **Guest Professor** at the **ETH Zurich**, Switzerland (Sabbatical leave).

February 2009 – July 2010: **Visiting Professor, Dept. of Chemistry and Chemical Biology, Northeastern University**, Boston, USA (Sabbatical leave).

IV) Services to the international Scientific Community:

Editor, 2009-2012: “*Environmental Science and Pollution Research*”, SPRINGER VERLAG.

Associate Editor 2002-2004: “*Journal of the Air and Waste Management Association*”.

A) Reviewer, and Scientific Evaluation Panel Member

Proposals: 1) European Commission; 2) National Science Foundation (NSF, USA); 3) Deutsche Forschungsgemeinschaft (German Research Foundation); 4) Research Promotion Foundation (Cyprus).

Scientific Journals: Environmental Science and Technology (ACS), Journal of Geophysical Research and Geophysical Research Letters (AGU), Geophysical Research Letters, Atmospheric Environment, Journal of Chromatography A, Marine Chemistry, Nature, Science, and others.

Panels: 1) Ministry of Higher Education and Research of Slovenia; 2) French Research Funding Agency ("Laboratories of excellence-LABEX"); 3) Academy of Sciences of Finland.

B) Member of Scientific Committees

European Commission and UNEP

V) Teaching and Graduate Student Advising:

Undergraduate Courses:

1) Environmental Chemistry, 2) Elucidation of Organic Molecules with spectroscopic Methods: NMR and MS.

Graduate Courses:

1) Environmental Organic Chemistry, 2) Environmental Analytical Chemistry: Chromatographic Techniques and Mass Spectrometry, 3) Chemistry of Disinfection of Drinking Water, 4) Applications of Mass Spectrometry in Proteomics.

Advising and mentoring:

Thirteen (13) PhD and forty (40) Master of Science theses were awarded under my supervision at the Department of Chemistry, University of Crete. External Referee and Examiner for PhD theses in Foreign Universities: Université Paris VI - P. & M. Curie (France), ETH Zurich, University of Melbourne (Australia), Lancaster University (UK); External Referee and Examiner for PhD theses in Greek Universities: University of Crete and Universities of Ioannina, Patras, Technical University of Crete and National Technical University of Athens.

VI) Research:

A) Research interests:

- Biogeochemical Cycles of Legacy and Emerging Persistent Organic Pollutants (POPs);
- Study of Atmospheric Aerosols by Physicochemical, Chemical and Biochemical Methods;
- Environmental Analytical Chemistry of Toxic Organic Compounds (DBPs, endocrine disruptors, POPs) in surface, ground and drinking water; and
- Human Exposure Studies of Emerging Toxic Organic Contaminants (phthalates, PBDEs).

B) Research bibliometric analysis:

I have authored and co-authored 96 articles (*see below attached list of publications*) in leading international scientific journals (e.g. *Nature, Science, Environmental Science and Technology, Journal of Geophysical Research, Geophysical Research Letters, Journal of Chromatography A, Microbial Ecology, Environmental Health Perspectives, Cell Plant* etc.) that received 6180 citations, h-index 37, i10-index 70 (analysis: <http://scholar.google.gr/citations?user=F1OsDfoAAAAJ&hl=en>). I have also authored articles in refereed proceeding and 3 chapters in books, and presented my research results in >100 international conferences (*see below attached list of publications*).

I have been invited to present the research work of my group by different academic and research institutions such as Stanford University (CA, USA), Harvard University (USA), University of North Carolina (Chapelhill, USA), Université P. & M. Curie (Paris VI, France), University of Venice (Italy), University of Concepcion (Chile), Technical University Federico Santa Maria (Valparaiso, Chile), National Commission of the Environment of Chile (Santiago, Chile), Swiss Federal Institute of Technology (ETH, Zurich, Switzerland), Institute of Environmental Sciences and Technology (EAWAG, Zurich, Switzerland), University of Bayreuth (Germany), Northeastern University, (Boston, USA),

Michigan State University (East Lansing, USA), University of Kuwait, and Yildiz Technical University, Istanbul, Turkey.

C) Funding ID:

Grants, 1992-2011: 2.800.000 €

Selected competitive European and National research grants

- "Atmospheric Input of Natural and Anthropogenic Organic Compounds to the Mediterranean", 170.000 €, from EU-SCIENCE Programme. *Project Coordinator*. (CSIC-CID, Barcelona, Spain and Laboratoire de Physique et Chimie Marine, Univ. P. & M. Curie, Paris, France). 1992-1994.
- "Disinfection of drinking water and of treated domestic waste water by chlorine and chlorine dioxide", 353.000 €, EU-AVICENNE programme, 1994-1996. *Project Coordinator*. (With TECHNION, Haifa, Israel, and General State Laboratory of Cyprus).
- "Aerosol formation from biogenic organic carbon", 100.000 € (for the Univ. of Crete), E.U. Environment and Climate Programme, 1996-1998.
- "Monitoring and prediction of the atmospheric transport and deposition of desert dust in the Mediterranean region", 134.640 € (for the Univ. of Crete), E.U. Environment and Climate Programme, 1996-1998.
- "Global semi-volatile organic compounds (GLOBAL SOC)", 130.000 € (for the Univ. of Crete), E.U. Environment and Climate Programme, 1998-2000.
- "Environmental Analysis of Concrete Admixtures (ANACAD)", 110.000 € (for the Univ. of Crete), E.U. Environment and Climate Programme, 1997-1999.
- "Organic Aerosol Formation" (OSOA), 70.000 € (for the Univ. of Crete), E.U. Environment and Climate Programme, 2000-2002.
- "Marine Aerosol Production (MAP)" E.U., Environment and Climate Programme, 2005-2008, 140.000 € (for the Univ. of Crete).
- "Health Impacts of Long-term Exposure to Disinfection By-products in Drinking Water", EU 2007-2010, 280.000 €.
- "European Study of Cohorts for Air Pollution Effects" (ESCAPE), EU 2008-2012, 150.000 €.
- "Genomics Biomarkers of Environmental Health" (ENVIROGENOMARKERS), EU 2009-2013, 250.000 €.
- "ARISTEIA" (Excellence) Ministry of Education grant (2012-2015), approved: 200.000 €

Selected competitive graduate education grants

- "Education of young chemists with modern analytical instruments", 67.200 €, from the EU Social Found, 1992-1993.
- "Environmental Science and Engineering-Post Graduate Studies Programme", 600.000 €, Ministry of Education and European Commission, 1998-2006.

VII) Awards and Honours:

"Hans Schmid Award 1979 -1980" for postdoctoral research.

"Ecopolis Price 2006" for Scientific Achievement in Environmental Science.

Member of the European Research Council (ERC): Panel for the Sciences of the Earth.

VIII) LIST of PUBLICATIONS

[A] Articles in refereed international journals

100. Charisiadis P., Andra S.S., Makris K.C., Christodoulou M., Christophi C., Kargaki S., and **Stephanou E.**, "Household cleaning activities as non-ingestion exposure determinants of urinary trihalomethanes", *Environ. Sci. Technol.*, Publication Date (Web): November 22, 2013 (Article), DOI: 10.1021/es404220z
99. Pedersen M., **Stephanou EG.**, et al. "Ambient Air Pollution and Low Birth Weight: A European Cohort Study (ESCAPE)", *The Lancet Respiratory Medicine*, Volume 1, Issue 9, pp. 695 - 704, November 2013.
98. Stayner L., **Stephanou EG.**, et al. "Exposure to Brominated Trihalomethanes in Water During Pregnancy and Micronuclei Frequency in Maternal and Cord Blood Lymphocytes", *Environmental Health Perspectives*, 11/2013; DOI:10.1289/ehp.1206434.
97. Goslan E.H., Krasner S. W., Villanueva C.M., Carrasco Turigas G., Toledano M.B., Kogevinas M., **Stephanou E. G.**, Cordier S., Gražulevičienė R., Parsons, S.A. and Nieuwenhuijsen, M.J., "Disinfection by-product occurrence in selected European waters", *Journal of Water Supply: Research and Technology—AQUA*, In Press, Available online 29 November 2013, doi:10.2166/aqua.2013.017.
96. Karageorgou E., Myridakis A., **Stephanou EG**, Samanidou V, "Multiresidue LC–MS/MS analysis of cephalosporins and quinolones in milk following ultrasound-assisted matrix solid-phase dispersive extraction combined with the quick, easy, cheap, effective, rugged, and safe methodology", *Journal of Separation Science* 36, 2020-2027, 2013.
95. Wang M., **Stephanou E.**, et al., "Evaluation of Land Use Regression Models for NO₂ and Particulate Matter in 20 European Study Areas: The ESCAPE Project", *Environ. Sci. Technol.* 47 (9), 4357–4364, 2013.
94. Rob Beelen, **Stephanou E**, et al., "Development of NO₂ and NO_x land use regression models for estimating air pollution exposure in 36 study areas in Europe – The ESCAPE project", *Atmospheric Environment* 72, 10-23, 2013.
93. Marloes, E; **Stephanou, E.G.**; et al. "Development of land use regression models for PM_{2.5}, PM_{2.5} absorbance, PM₁₀ and PM_{coarse} in 20 European study areas; results of the ESCAPE project", *Environ. Sci. Technol.* 46(20), 11195-11205, 2012.
91. Eeftens M, **Stephanou EG**, et al., "Variation of PM_{2.5}, PM₁₀, PM_{2.5} absorbance and PM_{coarse} concentrations between and within 20 European study areas - results of the ESCAPE project", *Atmospheric Environment* 62, 303-317, 2012.
90. Cyrus J., **Stephanou EG**, et al.; "Variation of NO₂ and NO_x concentrations between and within 36 European study areas: results from the ESCAPE study", *Atmospheric Environment* 62 , 374-390, 2012.
89. Decesari S, Finessi E, Rinaldi M, Paglione M, Fuzzi S, **Stephanou EG**, Tziaras T, Spyros A, Ceburnis D, O'Dowd C, Dall'Osto M, Harrison RM, Allan J, Coe H, and Facchini MC, "Primary and secondary marine organic aerosols over the North Atlantic Ocean during the MAP experiment", *J. Geophys. Res.* 116, D22210, doi:10.1029/2011JD016204, 2011.
88. Klanova J, Jones K, Lammel G, Lohmann R, Pirrone N, Scheringer M, Balducci C, Bidleman T, Blaha K, Blaha L, Booijk K, Bouwman H; Breivik K, Eckhardt S, Fiedler H, Garrigues P, Hamer T, Holoubek I, Hung H, MacLeod M, Magulova K, Mosca S, Pistocchi A, Simonich S, Smedes F, **Stephanou E**, Sweetman A, Sebkova K, Venier M, Vighi M, Vrana Br, Wania F, Weber R, Weiss

- P, "Identifying the Research and Infrastructure Needs for the Global Assessment of Hazardous Chemicals Ten Years after Establishing the Stockholm Convention", *Environ. Sci. Technol.* 45(18), 7617-7619, DOI: 10.1021/es202751f, 2011.
87. Patelarou E, Kargaki S, **Stephanou EG**, Nieuwenhuijsen M, Sourtzi P, Gracia E, Chatzi L, Koutis A, Kogevinas M, "Exposure to brominated trihalomethanes in drinking water and reproductive outcomes", *Occup. Environ. Med.* doi: 10.1136/oem.2010.056150, 2010.
86. Mandalakis M, Apostolaki M, Tziaras T, Polymenakou P, **Stephanou EG**, "Free and combined amino acids in marine background atmospheric aerosols over the eastern Mediterranean", *Atmospheric Environment* doi:10.1016/j.atmosenv.2010.10.046, 2010.
85. Pachiadaki MG, Lykousis V, **Stefanou EG**, Kormas K, "Prokaryotic community structure and diversity in the sediments of an active submarine mud volcano (Kazan mud volcano, East Mediterranean Sea) ", *FEMS Microbiology Ecology* 72(3), 429, 2010.
84. Tsapakis M, Dakanali E, **Stephanou EG**, Karakassis J, "PAHs and n-alkanes in Mediterranean coastal marine sediments: aquaculture as a significant point source", *Journal of Environmental Monitoring* 12(4), 958, 2010.
83. Mandalakis M, Apostolaki M, **Stephanou EG**, "Trace analysis of free and combined amino acids in atmospheric aerosols by gas chromatography-mass spectrometry", *Journal of Chromatography* 1217, 143, 2010.
82. Mandalakis M, Iakovidou E, **Stephanou EG**, "Occurrence and diurnal variation of PCBs and PBDEs in background atmosphere of Eastern Mediterranean", *Chemosphere* 77, 1161, 2009.
81. Mandalakis M, Besis A, **Stephanou EG**, "Particle-size distribution and gas/particle partitioning of atmospheric polybrominated diphenyl ethers in urban areas of Greece", *Environmental Pollution* 157, 1227, 2009.
80. Mandalakis M, **Stephanou EG**, Horii Y, Kannan K, "Emerging contaminants in car interiors: Evaluating the impact of airborne PBDEs and PBDD/Fs", *Environ. Sci. Technol.* 42, 6431, 2008.
79. Polymenakou PN, Mandalakis M, **Stephanou EG**, Tselepides A, "Particle size distribution of airborne microorganisms and pathogens during an intense African dust event in Eastern Mediterranean", *Environ. Health Perspect.* 116, 292, 2008.
78. Mandalakis M, Atsarou V, **Stephanou EG**, "Airborne PBDEs in Specialized Occupational Settings, Houses and Outdoor Urban Areas in Greece", *Environmental Pollution* doi: 10.1016/j.envpol.2007.11.016, 2008.
77. Skopelitis DS, Paranychianakis NV, Kouvarakis A, Spyros A, **Stephanou EG**, Roubelakis-Angelakis KA, "The Isoenzyme Seven of Tobacco NAD(H)-Dependent Glutamate Dehydrogenase Exhibits High Deaminating and Low Aminating Activities in vivo", *Plant Physiology* 145, 1726, 2007.
76. Tsapakis M, **Stephanou EG**, "Diurnal cycle of PAHs, nitro-PAHs and oxy-PAHs in a high oxidation capacity marine background atmosphere", *Environ. Sci. Technol.* 41, 8011, 2007.
75. **Stephanou EG**, "Atmospheric chemistry - A forest air of chirality", *Nature* 446 (7139), 991, 2007. (Invited contribution)
74. Mandalakis M, **Stephanou EG**, "Atmospheric concentration characteristics and gas/particle partitioning of PCBs in a rural area of eastern Germany", *Environmental Pollution* 147, 2011, 2007.

73. Polymenakou PN, **Stephanou EG**, Tselepides, A., Bertilsson, S., "*Organic Matter Preservation and Microbial Community Accumulations in Deep-Hypersaline Anoxic Basins*", Geomicrobiology Journal 24, 19, 2007.
72. Skopelitis D, Pliakonis ED, Paranychianakis NV, Paschalidis KA, Delis ID, Yakoumakis DI, Kouvarakis AN, **Stephanou EG**, Papadakis AK, Roubelakis-Angelakis KA, "*Abiotic Stress Generated ROS Signal Expression of Anionic Glutamate Dehydrogenases to Form Glutamate for Proline Synthesis*", Plant Cell 18, 2767, 2006.
71. Tsapakis M, Apostolaki M, Eisenreich S, **Stephanou EG**, "*Atmospheric deposition and marine sedimentation fluxes of polycyclic aromatic hydrocarbons in the Eastern Mediterranean Basin*", Environ. Sci. Technol. 40, 4922, 2006.
70. **Stephanou EG**, "The decay of organic aerosols", *Nature* 434, 31, 2005. (Invited contribution)
69. Polymenakou PN, **Stephanou EG**, Tselepides A, Bertilsson S, "*Carbon speciation and composition of natural microbial communities in polluted and pristine sediments of the Eastern Mediterranean Sea*", Marine Pollution Bulletin 52, 1396, 2006.
68. Polymenakou PN, Bertilsson S, Tselepides A, **Stephanou EG**, "*Bacterial composition in sediments from the Eastern Mediterranean Sea: a comparison of four 16S rDNA clone libraries*", Microbial Ecology 50, 447, 2005.
67. Polymenakou PN, Tselepides A, **Stephanou EG**, "*Study of the mineralization effect on the distribution of lipids in sediments from the Cretan Sea: Evidence for hydrocarbon degradation and starvation stress*", Continental Shelf Research 25, 2196, 2005.
66. Polymenakou PN, Bertilsson S, Tselepides A, **Stephanou EG**, "*Links between geographic location, environmental factors, and microbial community composition in sediments of the Eastern Mediterranean Sea*", Microbial Ecology 49, 367, 2005.
65. Tsapakis M, **Stephanou EG**, "*Polycyclic aromatic hydrocarbons in the atmosphere of the Eastern Mediterranean*", Environ. Sci. Technol. 39, 6584, 2005.
64. Mandalakis M, Apostolaki M, **Stephanou EG**, Stavrakakis S, "*Mass budget and dynamics of polychlorinated biphenyls in the eastern Mediterranean Sea*", Global Biogeochemical Cycles 19, art. no. GB3018, 2005.
63. Kanakidou M, Seinfeld JH, Pandis SN, Barnes I, Dentener FJ, Facchini MC, van Dingenen R, Ervens B, Nenes A, Nielsen CJ, Swietlicki E, Putaud JP, Balkanski Y, Fuzzi S, Horth J, Moortgat GK, Winterhalter R, Myhre CEL, Tsigaridis K, Vignati E, **Stephanou EG**, Wilson J, "*Organic aerosol and global climate modeling: a review*", Atmospheric Chemistry and Physics 5, 1053, 2005.
62. Mandalakis M, Gustafsson Ö, Alsberg T, Egeback AL, Reddy CM, Xu Li, Klanova J, Holoubek I, **Stephanou EG**, "*Contribution of Biomass Burning to Atmospheric Polycyclic Aromatic Hydrocarbons at Three European Background Sites*", Environ. Sci. Technol. 39, 2976, 2005.
61. Polymenakou PN, **Stephanou EG**, "*Effect of temperature and additional carbon sources on phenol degradation by an indigenous soil Pseudomonad*", Biodegradation 16, 403, 2005.
60. Tsapakis M, **Stephanou EG**, "*Occurrence of gaseous and particulate polycyclic aromatic hydrocarbons in the urban atmosphere: Study of sources and ambient temperature effect on the gas/particle concentration and distribution*", Environmental Pollution 133, 147, 2005.
59. Boy M, Petäjä T, Dal Maso M, Rannik Ü, Rinne J, Aalto P, Kulmala M, Laaksonen A, Vaattovaara P, Joutsensaari J, Hoffmann T, Warnke J, Apostolaki

- M, **Stephanou EG**, Tsapakis M, Kouvarakis A, Pio C, Carvalho A, Römpf A, Moortgat G, Spirig C, Guenther A, Greenberg J, Ciccioli P, "Overview of the field measurement campaign in Hyytiälä, August 2001 in the frame of the EU project OSA", *Atmospheric Chemistry and Physics* 4, 657, 2004.
58. Mandalakis M, **Stephanou EG**, "Wet Deposition of Polychlorinated Biphenyls in the Eastern Mediterranean", *Environ. Sci. Technol.* 38, 3011, 2004.
57. Gogou A, **Stephanou EG**, "Marine Organic Geochemistry of the Eastern Mediterranean: Polar Biomarkers in Cretan Sea Surficial Sediments", *Marine Chemistry* 85, 1, 2004.
56. Tsapakis M, **Stephanou EG**, "Collection of Gas and Particle Semi Volatile Organic Compounds: Use of an Oxidant Denuder to Minimize Polycyclic Aromatic Hydrocarbons Degradation during High-Volume Air Sampling", *Atmospheric Environment* 37, 4935, 2003.
55. Mandalakis M, **Stephanou EG**, "High Resolution Gas Chromatography-Tandem Mass Spectrometry: A Sensitive Analytical Technique Suitable for the Study of Polychlorinated Biphenyl and Tetrachlorodibenzo-p-dioxin Atmospheric Processes", *CHIMIA* 57, 505, 2003.
54. Tsapakis M, **Stephanou EG**, I Karakassis, "Evaluation of atmospheric transport as a non-point source of polycyclic aromatic hydrocarbons in marine sediments of the Eastern Mediterranean", *Marine Chemistry* 80, 283, 2003.
53. Mandalakis M, Berresheim H, **Stephanou EG**, "Direct evidence for PCB destruction in the subtropical troposphere by OH radicals", *Environ. Sci. Technol.* 37, 542, 2003.
52. Mandalakis M, **Stephanou EG**, "Study of Polychlorinated Biphenyls Atmospheric Concentration over the Eastern Mediterranean Sea", *J. Geophys. Res.* 107, 4716, 2002.
51. Lelieveld J, Berresheim H, Borrmann S, Crutzen PJ, Dentener FJ, Fischer H, Feichter J, Flatau PJ, Heland J, Holzinger R, Korrmann R, Lawrence MG, Levin Z, Markowicz KM, Mihalopoulos N, Minikin A, Ramanathan V, De Reus M, Roelofs GJ, Scheeren HA, Sciare J, Schlager H, Schultz M, Siegmund P, Steil B, **Stephanou EG**, Stier P, Traub M, Warneke C, Williams J, Ziereis H, "Global Air Pollution Crossroads over the Mediterranean", *Science* 298, 794, 2002.
50. Kavouras IG, **Stephanou EG**, "Direct evidence of atmospheric secondary organic aerosol formation in forest atmosphere through heteromolecular nucleation", *Environ. Sci. Technol.* 36, 5083, 2002.
49. M Tsapakis, E Lagoudaki, **Stephanou EG**, IG Kavouras, P Koutrakis, P Oyola, D von Baer, "The Composition and Sources of PM_{2.5} Organic Aerosol in two Urban Areas of Chile", *Atmospheric Environment* 36, 3851, 2002.
48. Mandalakis M, Tsapakis M, Tsoga A, **Stephanou EG**, "Gas-Particle Concentrations and Distribution of Aliphatic Hydrocarbons, PAHs, PCBs and PCDD/Fs in the Atmosphere of Athens (Greece)", *Atmospheric Environment* 36, 4023, 2002.
47. Mandalakis M, **Stephanou EG**, "Polychlorinated Biphenyls Associated to Fine Particles (PM_{2.5}) in Urban Environment of Chile: Concentration Levels and Sampling Volatilization Losses", *Environmental Toxicology and Chemistry* 21, 2270, 2002.
46. Kampioti AA, **Stephanou EG**, "The impact of bromide on the formation of neutral and acidic disinfection by-products (DBPs) in Mediterranean chlorinated drinking water", *Water Research* 36, 2596, 2002.
45. **Stephanou EG**, Kavouras IG, Mihalopoulos N, "Comment on 'Formation of new particles in the gas-phase ozonolysis of monoterpenes' by Koch et al.",

- Atmospheric Environment* 34 (2000) 4031, *Atmospheric Environment*, 35(26), 4523, 2001.
44. Kavouras IG, **Stephanou EG**, "Organic primary and secondary aerosol constituents in urban, background marine and forest atmosphere: Comparative study of their particle size distribution", *J. Geophys. Res.* 107, D8:10.1029/2000JD000278, 2002.
 43. Kavouras IG, **Stephanou EG**, "Gas/particle partitioning and size distribution of carbonaceous aerosol indoor in public buildings", *Indoor Air* 12, 17, 2002.
 42. Mandalakis M, Tsapakis M, **Stephanou EG**, "Optimization and application of high resolution gas chromatography with ion trap tandem mass spectrometry to the determination of polychlorinated biphenyls in atmospheric aerosols", *Journal of Chromatography A* 925, 183, 2001.
 41. Harrison D, Hunter MC, Lewis AC, Seakins PW, Bonsang B, Gros V, Kanakidou M, Touaty M, Kavouras IG, Mihalopoulos N, **Stephanou EG**, Alves C, Nunes T, Pio C, "Ambient isoprene and monoterpene concentration in a Greek fir (*Abies Borissi regis*) forest: Reconciliation with emissions measurements and effects on measured OH concentrations", *Atmospheric Environment* 35, 4699, 2001.
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 39. Kavouras IG, Stratigakis N, **Stephanou EG**, "Chemical characterization of emissions of vegetable-oil process and their contribution to aerosol mass using organic molecular markers approach", *Journal of the Air and Waste Management Association* 51, 552, 2001.
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 37. Kampioti A, **Stephanou EG**, "Simultaneous determination of halogenated neutral and acidic disinfection by-products in drinking water by closed-loop-stripping extraction and capillary gas chromatography", *Journal of Chromatography A* 857, 217, 1999.
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 35. **Stephanou EG**, "Specific tracers of environmental aerosol sources in indoor and outdoor particle-size distributed aerosols", *Epidemiology* 10, 503, 1999.
 34. Kavouras I, Mihalopoulos N, **Stephanou EG**, "Secondary aerosol formation vs. primary organic aerosol emission: In situ evidence for the chemical coupling between monoterpene acidic photo-oxidation products and new particle formation over forests", *Environ. Sci. Technol.* 33, 1028, 1999.
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- compound class fractionation and capillary gas chromatographic analysis*", Journal of Chromatography A 799, 215, 1998.
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25. Psathaki M, Manoussaridou E, **Stephanou E**, "Analysis of organophosphorous and triazine pesticides in ground and drinking water, by solid phase extraction and capillary GC/MSD &/or NPD: a comparison study", Journal of Chromatography A 667, 241, 1994.
24. **Stephanou E**, Stratigakis N, "Determination of anthropogenic and biogenic organic compounds on airborne particles: Flash chromatography fractionation and capillary gas chromatography determination", Journal of Chromatography 644, 141, 1993.
23. **Stephanou E**, Stratigakis N, " ω -Oxocarboxylic and α,ω -Dicarboxylic Acids: Photooxidation Products of Biogenic Unsaturated Fatty Acids, Present in Urban Aerosols", Environ. Sci. Technol. 27, 1403, 1993.
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19. Kokkalou E, **Stephanou E**, "The volatile Oil of *Calamintha nepeta* (L.) Savi subsp. *glandulosa* (Req.) Endemic to Greece. Flavor and Fragrance Journal 5(1), 23, 1990.
18. **Stephanou E**, "Long Chain n-Aldehydes: An Overlooked and Ubiquitous Compounds Class of Geochemical and Environmental Significance", Naturwissenschaften 76, 464-467, 1989.
17. **Stephanou E**, Zourari M, "Exposure to Pesticides in Greenhouses: Determination of Airborne Residues and Surface Deposition", Toxicological and Environmental Chemistry 25, 17, 1989.
16. Kokkalou E, **Stephanou E**, "Study of the Volatile Oil of *Chaerophyllum bulbosum* L. ssp. *bulbosum* Growing Wild in Greece", Pharm. Acta Helv. 64 (5-6), 133, 1989.
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13. Mulkens A, **Stephanou E**, Kapetanidis I, "Heterosides and volatile constituents in the leaves of *Melissa officinalis* L. (Lamiaceae)", Pharm. Acta Helv. 60, 276, 1985.
12. **Stephanou E**, "Environmental Determination of Alkylphenol Polyethoxylate Refractory Residues using Mass Spectrometric Techniques", Intern. J. Environ. Anal. Chem. 20, 41, 1985.
11. **Stephanou E**, "Identification of nonionic surfactants by GC/CIMS A complementary method or an attractive alternative to GC/EI-MS and other methods", Chemosphere 13, 43, 1984.
10. **Stephanou E**, "Chemical Ionization Mass Spectra of Alkylphenol and Linear Alcohol Polythoxylates", Org. Mass Spectr. 19, 510, 1984.
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[B] Chapters in Books

1. **Stephanou EG**, "Aerosols PM₁₀ & PM_{2.5}", in "Comprehensive Sampling and Sample Preparation", Editor-in-Chief Janusz Pawliszyn, Elsevier, Coming July 2012
2. Gogou A, **Stephanou EG**, "Urban and rural organic fine aerosols: Components source reconciliation by using an organic geochemical approach", in *Aerosols Chemical Processes in the Environment*, K.R. Spurny (Ed.), CRC Lewis USA, 2000.
3. **Stephanou E**, Kokkalou E, "Phytochemical Study of *Chaerophyllum bulbosum* L. and *Calamintha nepeta* L., Endemic to Greece", in *Development in Food Sciences, Flavors and off-Flavors*, G. Haralambous (Ed.), Elsevier, 1990.

[C] Selected Reviewed Articles and Abstracts in Conference Proceedings

1. Facchini MC, Decesari S, Finessi E, **Stephanou EG**, et al., "Primary and secondary marine organic aerosols over the North Atlantic Ocean". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 242, 140-ENVR, 2011.
2. Kogevinas M, Patelarou E, Villanueva CM, **Stephanou EG**, et al. "Disinfection Byproducts, Polymorphisms, and Susceptibility to Adverse Pregnancy Outcomes". EPIDEMIOLOGY 22(1), S67, DOI:10.1097/01.ede.0000391870.47922.fe, 2011.
3. Klaene JJ, Glick J, **Stephanou EG**, Vouros P, "Exploring the link between urban aerosols and DNA adducts using capillary nanoLC-ESI-MS/MS". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 240, Meeting Abstract: 105-TOXI, 2010.
4. Facchini MC, Decesari S, Rinaldi M., **Stephanou EG**, et al., "Marine SOA: Gas-to-particle conversion and oxidation of primary organic aerosol", Geochim. Cosmochim. Acta 74(12), A275, 2010.
5. Patelarou E, Chatzi L, Kargaki S, **Stephanou EG**, et al., "Low Birth Weight and Exposure to Disinfection By-Products in Pregnant Women in Crete (Rhea Study)", EPIDEMIOLOGY 20(6), S63, 2009.
6. **Stephanou EG**, Mandalakis M, Tsapakis M, et al., "Study of PAHs' and PCBs' occurrence and fate in marine aerosols of Eastern Mediterranean", Geochim. Cosmochim. Acta 72(12), A897, 2008.
7. Gustafsson O, Mandalakis M, Zencak Z, **Stephanou EG**, et al.: "Distinguishing natural and anthropogenic sources of aliphatic and aromatic hydrocarbons using natural abundance radiocarbon measurements". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY (234), 34-ENVR, 2007.
8. **Stephanou EG**, Mandalakis M, "Assessment of concentrations and human exposure of polybrominated diphenyl ethers in outdoor and indoor air of homes and occupational settings in Greece". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 234, 181-ENVR, 2007.
9. **Stephanou EG**, Kargaki S, "Occurrence and behavior of the emerging contaminants benzothiazoles and benzotriazoles in wastewater treatment plants". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 234, 82-ENVR, 2007.
10. Mandalakis M, Atsarou V, **Stephanou EG**, "Polybrominated diphenyl ethers in outdoor, indoor and car interior air in Greece". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 232, 126-ENVR, 555, 2006.
11. Kargaki S, Mylona K, Kouvarakis A, **Stephanou EG**, "Emerging contaminants: Analysis of biocides and corrosion inhibitors in wastewater treatment plants using liquid chromatography tandem mass spectrometry", ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 232, 243-ENVR, 564, 2006.
12. **Stephanou EG**, Apostolaki M, "Levels and gas-particle distribution of polychlorinated biphenyls in the urban indoor and outdoor atmosphere". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 232, 140-ENVR, 565, 2006.
13. **Stephanou EG** et al., "Comparison of microbial community composition from different sediments of the Eastern Mediterranean Sea using T-RFLP, DGGE and PLFA analysis". Rapp. Comm. Int. Mer. Medit. v. 37, p. 286, 2004.
14. **Stephanou EG**, Mandalakis M, Apostolaki M, "Transport and atmospheric processes of PCBs in the subtropical atmosphere of Eastern Mediterranean", Geochim. Cosmochim. Acta 67(18), A447, 2003.

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16. **Stephanou EG** et al., "Loss Processes of PCBs in the subtropical atmosphere: Study of PCB-OH radical reactions in Eastern Mediterranean", Organochlorine Compounds 60-65(2), 2003.
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20. **Stephanou EG** et al., "Bromide effect on disinfection by-products in drinking waters of Mediterranean Cities", A.C.S Division of Environ. Chemistry, Vol. 35, No 2, 1995
21. **Stephanou EG** et al., "Urban & Rural Organic Marine Aerosols in the Eastern Mediterranean Coastal Environment: Components Source Reconciliation by Using Organic Geochemical Parameters", in Organic Geochemistry: Developments and Applications to Energy, Climate, Environment and Human History; Selected papers from the 17th International Meeting on Organic Geochemistry, J.O. Grimalt and C. Dorronsoro (Editors), 613, 1995.
22. **Stephanou E**, Stratigakis N, Marnellaki K, " ω -Oxocarboxylic acids and α,ω -dicarboxylic acids in free and salt form: photo-oxidation products of unsaturated fatty acids present in marine aeolian particulates, marine sediments and ground level particulates of coastal areas in East Mediterranean Sea". ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 203, 125-ENVR, 1992.
23. **Stephanou E** et al., "Distribution, Accumulation and transformation of organic contaminants in an Eastern Mediterranean Coastal Area", UNEP-MAP Report Series N.59, 1991.
24. **Stephanou E** et al., "Distribution of Petroleum Hydrocarbons in a S.E. Mediterranean Coastal Area", in Organic Micropollutants in the Aquatic Environment, A. Bjorseth and G. Angeletti (Editors), Kluwer Academic Publishers, 1991.
25. **Stephanou E** et al., "Pollution of Saronikos Gulf (Greece) by fossil fuel hydrocarbons", in Analysis of Organic Micro-pollutants in Water, A. Bjorseth and G. Angeletti (editors), Reidel Publ. Company, 1988.
26. **Stephanou E** et al., "Hydrocarbons in East Mediterranean Sea: Determination and occurrence in the sediment of considered polluted and unpolluted areas of coastal environment", in Analysis of Organic Micro-pollutants in Water, A. Bjorseth and G. Angeletti (editors), Reidel Publ. Company, 1988.
27. **Stephanou E**, "Determination of acidic and neutral residues of alkylphenol polyethoxylate surfactants using GC/MS analysis of their TMS derivatives", in Analysis of Organic Micro-pollutants in Water, A. Bjorseth and G. Angeletti (editors), Reidel Publ. Company, 1986.
28. **Stephanou E** et al., "Determination of Nonylphenol and Nonylphenol Ethoxylates in Secondary Sewage Effluents", in Analysis of Organic Micro-pollutants in Water, A. Bjorseth and G. Angeletti (editors), Reidel Publ. Company, 1982.

[D] Technical Reports

More than 40 Technical reports to International and National Agencies

[E] Selected Presentations in International Conferences

1. "The ZIP-Reaction : A New Method for Synthesis of Polyaminolactames". *11th Intern. Symposium of Natural Products, Golden sands (Bulgaria), Sept. 1978.*
2. "Ring Enlargement Reactions on Cyclic Aminolactames". *Annual Conference of the Swiss Chemical Society, Berne. Oct. 1979.*
3. "Amidines, Intermediates in Ring Enlargements Reactions". *International Meeting on Enamine Chemistry, Libice (Czechoslovakia), April 1980.*
4. "Determination of Nonionic Surfactants in Secondary Sewage Effluents". *2nd European Symposium on Analysis of Organic Micropollutants, Killarney (Ireland), November 1981.*
5. "Mass Spectrometric Techniques Applied to Environmental Analysis of Nonionic Surfactants Refractory Residues". *14th Intern. Symposium on the Analytical Chemistry of Pollutants, Barcelona (Spain), Nov. 1984.*
6. "Determination of Acidic and Neutral Persistent Metabolites of Alkylphenol Polythoxylate Surfactants and their Environmental Residues". *4th European Symposium on Analysis of Organic Micropollutants, Viena (Austria), Oct. 1985.*
7. "Application of Mass Spectrometry to the Analysis of Nonionic Surfactants and their Environmental Residues". *16th Inter. Symposium on Analytical Chemistry of Pollutants, Lausanne, Switzerland, March 1986. (Invited Speaker)*
8. "Fate of petroleum derived Hydrocarbons in Coastal Areas in Greece". *5th European Symposium on Analysis of Organic Micropollutants, Rome. Oct. 1987.*
9. "Reaction Rates of Processes in Natural Waters". *Workshop on Aquatic Chemical Kinetics, Kartause Ittingen (Switzerland), March 1989. (Session Chair)*
10. "Phytochemical Study of *Chaerophyllum bulbosum* L., Endemic to Greece". *6th International Flavor Conference (ACS), Rethimnon (Greece), July 1989.*
11. "Biogenic and Anthropogenic Lipids in Aeolian Particles in South-East Mediterranean Sea. Occurrence and Origin". *4th International Workshop on Chemistry of Environmental Hydrocarbons, Strasbourg, France, April 1990.*
12. "Partitioning of Oil-Derived Contaminants in the Coastal Environment of Crete". *20th International Symposium on Environmental Analytical Chemistry, April 1990, Strasbourg, France.*
13. "The role of particles as scavengers of organic pollutants". *European Research Conference (ESF) "Particles in natural waters". 3-7 September 1990, Ciocco, Italy. (Invited Speaker)*
14. "Distribution, transformation and accumulation of Hydrocarbons in an Eastern Mediterranean Area". *UNEP International Conference on the "Accumulation and transformation of Chemical contaminants by biotic and abiotic processes in the marine environment", 24-28/9/1990, La Spezia, Italy.*
15. "Study of Distribution and origin of fossil-fuel hydrocarbons in sediment and biota of Iraklion Bay". *6th European Symposium on Analysis of organic pollutants. 20- 24 May 1990, Lisbon, Portugal.*
16. 1st CCMS Conference "New Strategies for Environmental Protection and Sustainable Development", May 1-3, Washington D.C. (USA), 1991.
17. 2nd CCMS Conference "New Strategies for Environmental Protection and Sustainable Development", October 8-10, 1991, Heraklion, (Greece), (Conference Organizer).

18. "ω-Oxocarboxylic acids and α,ω-dicarboxylic acids in free and salt form: photo-oxidation products of unsaturated fatty acids present in marine aeolian particulates, marine sediments and ground level particulates of coastal areas in East Mediterranean Sea". *3rd A.C.S Meeting, "Oxidation-Reduction Transformations of Inorganic and Organic Species in the Environment", San Francisco, April 5-10, 1992.*
19. "Nonionic Surfactants in Aquatic Ecosystems: Environmental Analytical Chemistry and Study of their Environmental Fate". *International Symposium on "Bio-Remediation Toxicology & Environmental Fate Ecology", Organized by Society of Environmental Toxicology and Chemistry-Europe, Potsdam (Germany), June 21-24, 1992.*
20. "Academic Environmental Research Aiming Pollution Prevention Strategy". COMETT Conference on: "Evaluation of Impacts and Priority Setting in Environmental Management" Organized by the Technical Research Center of Finland. Trolleholm, Sweden, 21-26 September 1992. (*Invited Speaker*)
21. "Determination of anthropogenic and biogenic organic compounds on airborne particles: Flash chromatography fractionation and capillary gas chromatographic analysis". *12th Annual Meeting of the American Association for Aerosol Research, Oak Brook, IL, October 11-15, 1993.*
22. "Atmospheric deposition of organic biogenic and anthropogenic compounds in the Mediterranean Sea". *MEDCHEM CONFERENCE: The Chemistry of the Mediterranean. 20-26 May 1995, Taranto Italy. (Invited Speaker)*
23. "Bromide effect on disinfection by-products in drinking waters of Mediterranean Cities". *210th A.C.S National Meeting, 20-24 August 1995, Chicago, U.S.A.*
24. "Urban & Rural Organic Marine Aerosols in the Eastern Mediterranean Coastal Environment: Components Source Reconciliation by Using Organic Geochemical Parameters". *16th International Meeting on Organic Geochemistry, 4-8 September 1995, San Sebastian (Donostia), Spain.*
25. "Marine organic aerosols in Eastern Mediterranean: Study of their origin and occurrence". *European Geophysical Society, XXI General Assembly, The Hague, The Netherlands, 6-10 May 1996.*
26. "Organic Molecular Markers determination in Sea Water and Sediments of Eastern Mediterranean". *European Geophysical Society, XXI General Assembly, The Hague, The Netherlands, 6-10 May 1996.*
27. "Measurements of aerosol composition and optical depth above the Eastern Mediterranean area". *European Geophysical Society, XXI General Assembly, The Hague, The Netherlands, 6-1 May 1996.*
27. "Atmospheric Input of Natural and Anthropogenic Organic Compounds to the Mediterranean Sea". *European Union Workshop on "Sea-Air Exchange", Oslo, Norway, 11-13 June 1997. (Solicited Contribution)*
29. "Determination of fine organic aerosol content in semi-rural and Forest Areas of Portugal". *International Conference on Carbonaceous Aerosols, Vienna, Austria, September 1997.*
30. "The effect of carboxylic acids on cloud droplet formation", *International Conference on Carbonaceous Aerosols, Vienna, Austria, September 1997.*
31. "The effect of organic compounds on water uptake by aerosol particles", *International Conference on Carbonaceous Aerosols, Vienna, Austria, September 1997.*
32. "Field observation and modeling of the formation of biogenic organic aerosols in Mediterranean Area", *23th General Assembly of European Geophysical Society, 2-6 April 1998, Nice, France.*

33. "Formation and gas/particle partitioning of monoterpenes photo-oxidation products over forests", *24th General Assembly of European Geophysical Society, 19-23 April 1999, The Hague, Holland.*
34. "Field evidence for the chemical coupling between terpenes acidic photo-oxidation products and new particle formation over forested areas. *Joint International Symposium on Global Atmospheric Chemistry, 19-25 August 1998, Seattle, USA.*
35. "Formation and particle partitioning of monoterpenes photo-oxidation products over forests". *24th General Assembly of European Geophysical Society, 19-23 April 1999, The Hague, The Netherlands.*
36. "Formation of secondary organic aerosol". *5th International Conference on Protection and Restoration of the Environment, 3-6 July 2000, Thassos Island, Greece.*
37. "Formation of biogenic secondary organic aerosol". *European Aerosol Conference, 1-5 September 2000, Dublin, Ireland.*
38. "Comparison of hydrocarbon and polynuclear aromatic hydrocarbon profiles of aerosol in Santiago and Temuco (Chile)". *7th International Conference on Carbonaceous Particles in the Atmosphere, 26-29 November 2000, San Juan, Puerto Rico.*
39. "Source apportionment of urban PAHs using multivariate statistical methods". *7th International Conference on Carbonaceous Particles in the Atmosphere, 26-29 November 2000, San Juan, Puerto Rico.*
40. "Heterogeneous heteromolecular nucleation: A possible mechanism for the formation of biogenic secondary organic aerosol". *7th International Conference on Carbonaceous Particles in the Atmosphere, 26-29 November 2000, San Juan, Puerto Rico.*
41. "Atmospheric concentration and deposition fluxes of chlorinated POPs at background marine and urban sites of Eastern Mediterranean". *11th Annual Meeting of SETAC, 6-10 May 2001, Madrid, Spain. (Invited Speaker)*
42. "Atmospheric gas/particle distribution and deposition flux of polycyclic aromatic hydrocarbons (PAHs) in Eastern Mediterranean", *11th Annual Meeting of SETAC, 6-10 May 2001, Madrid, Spain.*
43. "Atmospheric Occurrence and Processes of PAHs, PCBs and PCDD/Fs over the eastern Mediterranean". *UNEP Symposium on the "Assessment of Ecotoxicological Impact of Persistent Toxic Substances and Transboundary Transport", 2-5 April 2002, Rome, Italy. (Invited Speaker)*
44. "A global budget for PCBs provides prediction of their environmental longevities". *224th American Chemical Society Meeting Boston, MA, August 18, 2002.*
45. "PCBs associated to fine particles (PM_{2.5}) in the urban environment of Chile: Concentration levels and sampling volatilization losses". *7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Atmospheric chemistry within the earth system: From regional pollution to global climate change, 18-25 September 2002, Hersonisos, Crete, Greece.*
46. "Direct evidence for PCB destruction in the subtropical troposphere by OH radicals". *7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Atmospheric chemistry within the earth system: From regional pollution to global climate change, 18-25 September 2002, Hersonisos, Crete, Greece.*
47. "Occurrence and processes of polychlorinated biphenyls (PCBs) in the atmosphere of eastern Mediterranean sea". *7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Atmospheric*

chemistry within the earth system: From regional pollution to global climate change, 18-25 September 2002, Hersonisos, Crete, Greece.

48. "Gas-particle concentrations and distribution of aliphatic hydrocarbons, PAHs, PCBs and PCDD/Fs in the atmosphere of Athens". *7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Atmospheric chemistry within the earth system: From regional pollution to global climate change, 18-25 September 2002, Hersonisos, Crete, Greece.*

49. "Direct evidence of atmospheric secondary organic aerosol formation in forest atmosphere through heteromolecular nucleation".

7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Atmospheric chemistry within the earth system: From regional pollution to global climate change, 18-25 September 2002, Hersonisos, Crete, Greece.

50. "PCB removal by OH radicals: A major process regulating their budget in the Eastern Mediterranean troposphere". *6th Workshop on "Understanding and Modelling the Regional and Global Scale Distribution and Fate of POPs", 7-9 October 2002, Lancaster (UK). (Invited Speaker)*

51. "Direct evidence of PCB destruction by OH radicals in the subtropical troposphere". *6th Workshop on "Understanding and Modelling the Regional and Global Scale Distribution and Fate of POPs", 7-9 October 2002, Lancaster (UK).*

52. "Gas/particle partitioning of primary and secondary organic aerosol products in a boreal forest". *European Geophysical Union-American Geophysical Society Joint Assembly, Nice, France 7-11/4/2003.*

53. "Direct evidence for atmospheric secondary organic aerosol formation through heteromolecular nucleation", *European Geophysical Union-American Geophysical Society Joint Assembly, Nice, France 7-11/4/2003.*

54. "PCB Destruction in the Subtropical Troposphere by OH Radicals". *European Geophysical Union-American Geophysical Society Joint Assembly, Nice, France 7-11/4/2003.*

55. "Transport and Atmospheric Processes PCBs in the atmosphere of Eastern Mediterranean", *Goldschmidt Conference, Sept. 7-12, 2003, Kurashiki, Japan*

56. "Evaluation of atmospheric transport as source of biogenic and anthropogenic organic compounds in marine sediment of Eastern Mediterranean", *Goldschmidt Conference, Sept. 7-12, 2003, Kurashiki, Japan. (Keynote presentation)*

57. "Loss Processes of PCBs in the subtropical atmosphere: Study of PCB-OH radical reactions in Eastern Mediterranean", *DIOXIN 2003 Conference, August 24-30, 2003, Boston. (Invited Speaker)*

58. "Atmospheric Input of Polychlorinated Biphenyls to the Eastern Mediterranean", *DIOXIN 2003 Conference, August 24-30, 2003, Boston. (Invited Speaker)*

59. "Atmospheric processes determining the fate of polychlorinated biphenyls (PCBs) in subtropical areas", *Swiss Chemical Society Conference, "Analytical Chemistry of Organic Contaminants in the Environment", Sept. 3-5, 2003, Zurich, Switzerland. (Invited Speaker)*

60. "Study of Loss Processes of PAHs and PCBs in the Subtropical Atmosphere: The Eastern Mediterranean Paradigm", *"Global cycling and fate of chemicals", 14th Annual Meeting of SETAC, 19-22 April 2004, Prague, Check Republic.*

61. "Field Study of Loss Processes of PCBs in Eastern Mediterranean Atmosphere", *3rd UBA Forum on Persistent Organic Substances, 11 and 12 March 2004, Berlin (Germany). (Invited Speaker)*

62. "High bacterial diversity in different sediments of the Eastern Mediterranean Sea: environmental control of community composition". *International Symposium*

'Chemistry & Biology of Marine Organisms', Kolympari, Crete, Greece: 21-26 September 2003

63. "Comparison of microbial community composition from different sediments of the Eastern Mediterranean Sea using T-RFLP, DGGE and PLFA analysis. 37th CIESM Congress, Barcelona, Spain: 7-11 June 2004

64. "High bacterial diversity in different sediments of the Eastern Mediterranean Sea: comparison of community composition using molecular-based techniques". *American Society for Limnology and Oceanography (ASLO) Summer Meeting 2005, Santiago de Compostela, Spain: 19-24 June 2005.*

65. "Polybrominated diphenyl ethers in outdoor, indoor and car interior air in Greece." *232nd National Meeting & Exposition of American Chemical Society, 10-14 September 2006, San Francisco, CA USA.*

66. "Levels and gas-particle distribution of polychlorinated biphenyls in the urban indoor and outdoor atmosphere". *232nd National Meeting & Exposition of American Chemical Society, 10-14 September 2006, San Francisco, CA USA. (Invited speaker and Session Chair).*

67. "Modeling of the global destruction of polychlorinated biphenyls by OH radicals in the troposphere". *9th Joint IGAC/CACGP/SOLAS/WMO Symposium: Atmospheric Chemistry at the interfaces, 17-23 September, 2006, Cape Town, South Africa.*

68. "Mass budget and dynamics of polychlorinated biphenyls in the eastern Mediterranean Sea". *9th Joint IGAC/CACGP/SOLAS/WMO Symposium: Atmospheric Chemistry at the interfaces, 17-23 September, 2006, Cape Town, South Africa.*

69. "Distinguishing natural and anthropogenic sources of aliphatic and aromatic hydrocarbons using natural abundance radiocarbon measurements". *234th National Meeting & Exposition of American Chemical Society, 19-23 August, 2007, Boston, MA USA.*

70. "Occurrence and behavior of the emerging contaminants benzothiazoles and benzotriazoles in wastewater treatment plants". *234th National Meeting & Exposition of American Chemical Society, 19-23 August 2007, Boston, MA USA. (Invited Speaker and session co-chair)*

71. "Assessment of concentrations and human exposure of polybrominated diphenyl ethers in outdoor and indoor air of homes and occupational settings in Greece". *234th National Meeting & Exposition of American Chemical Society, 19-23 August, 2007, Boston, MA USA.*

72. "Transport and Atmospheric Processes PCBs in the subtropical atmosphere of Eastern Mediterranean». *Goldschmidt 2008 - "from Sea to Sky" July 13 - 18 in Vancouver, Canada*

73. "Free and Combined Amino Acids in Marine Aerosols over the Eastern Mediterranean». *MOCA09: IAMAS IAPSO IACS 2009 Joint Assembly, July 19-29, 2009 - Montréal, Canada*

74. "Emerging Contaminants in Waste Water Treatment Plants: Challenges in their Exposure Assessment". *15th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, October 7-11, 2009, Bari, Italy. (Keynote Speaker)*

75. "Indoor air pollution by PBDEs in specialized occupational settings, houses and car interiors. *ESF Exploratory Workshop on "Indoor contamination with persistent organic compounds: An important exposure pathway for people?", 23-25 March, 2009, Stockholm, Sweden. (Invited presentation).*

76. "Emerging Contaminants in the Indoor and Outdoor Atmosphere". *3rd EuCheMS (European Chemical Society) Chemistry Congress, 29.08. – 02.09.2010, Nürnberg, Germany. (Invited Speaker)*
77. "Emerging Contaminants in the Indoor and Outdoor Atmosphere". *3rd EuCheMS (European Chemical Society) Chemistry Congress, 29.08. – 02.09.2010, Nürnberg, Germany. (Invited Speaker)*
78. "Water Soluble Organic Compounds over the Eastern Mediterranean: Study of their Occurrence and Sources". *EGU – 2010 Conference, "From gas to particles, new perspectives on organic compounds in the atmosphere ", Vienna 5 May, 2010.*
79. «Disinfection Byproducts, Polymorphisms, and Susceptibility to Adverse Pregnancy Outcomes», *ISEE 22nd Annual Conference*, Seoul, Korea, 28 August-1 September 2010.
80. "Marine Secondary Organic Aerosol: Gas-To-Particle Conversion and Oxidation of Primary Organic Aerosol", *Goldschmidt Conference 2010*, June 13-18, 2010, Knoxville, Tennessee, USA
81. "Concurrent determination of water-soluble organic compounds in atmospheric marine aerosols by NMR spectroscopy and mass spectrometry *243rd National Meeting & Exposition of American Chemical Society, 25-29 March 2012, San Diego, CA USA. (Invited Contribution)*